

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/520,956
Source: PG/10
Date Processed by STIC: 1/24/05

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PCT

RAW SEQUENCE LISTING

DATE: 01/24/2005

PATENT APPLICATION: US/10/520,956

TIME: 09:23:32

Input Set : A:\Sequence list.ST25.txt

Output Set: N:\CRF4\01242005\J520956.raw

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3 <110> APPLICANT: Bisgaard-Frantzen, Henrik
4     Hannemann, Wolfgang
5     Poulsen, Poul
6     Dorrich, Kurt
8 <120> TITLE OF INVENTION: Mashing Process
10 <130> FILE REFERENCE: 10288.204-US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/520,956
C--> 12 <141> CURRENT FILING DATE: 2005-01-10
12 <160> NUMBER OF SEQ ID NOS: 1
14 <170> SOFTWARE: PatentIn version 3.3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 335
18 <212> TYPE: PRT
19 <213> ORGANISM: Thermoascus aurantiacus
21 <400> SEQUENCE: 1
23 Met Lys Leu Gly Ser Leu Val Leu Ala Leu Ser Ala Ala Arg Leu Thr
24 1           5           10           15
27 Leu Ser Ala Pro Leu Ala Asp Arg Lys Gln Glu Thr Lys Arg Ala Lys
28           20           25           30
31 Val Phe Gln Trp Phe Gly Ser Asn Glu Ser Gly Ala Glu Phe Gly Ser
32           35           40           45
35 Gln Asn Leu Pro Gly Val Glu Gly Lys Asp Tyr Ile Trp Pro Asp Pro
36           50           55           60
39 Asn Thr Ile Asp Thr Leu Ile Ser Lys Gly Met Asn Ile Phe Arg Val
40 65           70           75           80
43 Pro Phe Met Met Glu Arg Leu Val Pro Asn Ser Met Thr Gly Ser Pro
44           85           90           95
47 Asp Pro Asn Tyr Leu Ala Asp Leu Ile Ala Thr Val Asn Ala Ile Thr
48           100          105          110
51 Gln Lys Gly Ala Tyr Ala Val Val Asp Pro His Asn Tyr Gly Arg Tyr
52           115          120          125
55 Tyr Asn Ser Ile Ile Ser Ser Pro Ser Asp Phe Gln Thr Phe Trp Lys
56           130          135          140
59 Thr Val Ala Ser Gln Phe Ala Ser Asn Pro Leu Val Ile Phe Asp Thr
60 145          150          155          160
63 Asn Asn Glu Tyr His Asp Met Asp Gln Thr Leu Val Leu Asn Leu Asn
64           165          170          175
67 Gln Ala Ala Ile Asp Gly Ile Arg Ser Ala Gly Ala Thr Ser Gln Tyr
68           180          185          190
71 Ile Phe Val Glu Gly Asn Ser Trp Thr Gly Ala Trp Thr Trp Thr Asn
72           195          200          205
75 Val Asn Asp Asn Met Lys Ser Leu Thr Asp Pro Ser Asp Lys Ile Ile
76           210          215          220

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79 Tyr Glu Met His Gln Tyr Leu Asp Ser Asp Gly Ser Gly Thr Ser Ala
80 225                230                235                240
83 Thr Cys Val Ser Ser Thr Ile Gly Gln Glu Arg Ile Thr Ser Ala Thr
84                245                250                255
87 Gln Trp Leu Arg Ala Asn Gly Lys Lys Gly Ile Ile Gly Glu Phe Ala
88                260                265                270
91 Gly Gly Ala Asn Asp Val Cys Glu Thr Ala Ile Thr Gly Met Leu Asp
92                275                280                285
95 Tyr Met Ala Gln Asn Thr Asp Val Trp Thr Gly Ala Ile Trp Trp Ala
96                290                295                300
99 Ala Gly Pro Trp Trp Gly Asp Tyr Ile Phe Ser Met Glu Pro Asp Asn
100 305                310                315                320
103 Gly Ile Ala Tyr Gln Gln Ile Leu Pro Ile Leu Thr Pro Tyr Leu
104                325                330                335

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VERIFICATION SUMMARY

DATE: 01/24/2005

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date